

ABSTRACT OF THE DISCLOSURE

A method of forming a fitting assembly in a filament-reinforced pressure vessel, and a pressure vessel having a fitting assembly secured therein. In the method, a first fitting portion is bonded to an inner surface of a thermoplastic liner in a fluid tight manner. A layer of commingled reinforcing filaments and plastic material is applied to an outer surface of the thermoplastic liner to form a vessel wall. A portion of the vessel wall adjacent to the opening bounded by the fluid-tight seal between the first fitting portion and the inner surface of the thermoplastic liner is removed. Then, a second fitting portion is bonded to the first fitting portion so as to define a port for access into the interior of the vessel.